

Wavelength conversion pouring material, its use and manufacturing method

Publication number: CN1207206

Publication date: 1999-02-03

Inventor: HOEHN K (DE); DEBRAI A (DE); SCHMITE P (DE)

Applicant: SIEMENS AG (DE)

Classification:

- **international:** F21V5/04; B29C39/02; C08K3/22; C08K3/30; C08K7/00; C08K9/00; C08L63/00; C09K11/00; C09K11/08; C09K11/62; C09K11/64; C09K11/77; C09K11/79; C09K11/80; F21V9/16; H01L23/29; H01L23/31; H01L33/00; H05B33/04; H05B33/12; B29K63/00; B29K105/16; F21Y101/02; F21V5/00; B29C39/02; C08K3/00; C08K7/00; C08K9/00; C08L63/00; C09K11/00; C09K11/08; C09K11/62; C09K11/64; C09K11/77; F21V9/00; H01L23/28; H01L33/00; H05B33/04; H05B33/12; (IPC1-7): H01L33/00; H01S3/19

- **European:** C09K11/77M2D; C09K11/77M6; C09K11/77P2D; C09K11/77P6; C09K11/77S2; C09K11/77S2H; C09K11/77S6; H01L33/00B2B; H01L33/00B3B

Application number: CN19971091656 19970922

Priority number(s): DE19961038667 19960920

Also published as:

WO9812757 (A1)
EP0862794 (A1)
US6066861 (A1)
KR20060097745 (A)
JP2002317178 (A)

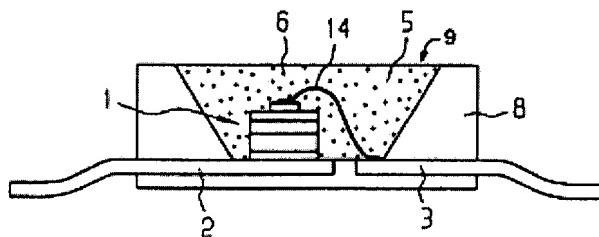
[more >>](#)

[Report a data error here](#)

Abstract not available for CN1207206

Abstract of corresponding document: **US6066861**

The wavelength-converting casting composition is based on a transparent epoxy casting resin with a luminous substance admixed. The composition is used in an electroluminescent component having a body that emits ultraviolet, blue or green light. An inorganic luminous substance pigment powder with luminous substance pigments is dispersed in the transparent epoxy casting resin. The luminous substance is a phosphorous group of the general formula A₃B₅X₁₂:M, and the luminous substance pigments have particle sizes<20 μm and a mean grain diameter d₅₀<5 μm.



Data supplied from the **esp@cenet** database - Worldwide